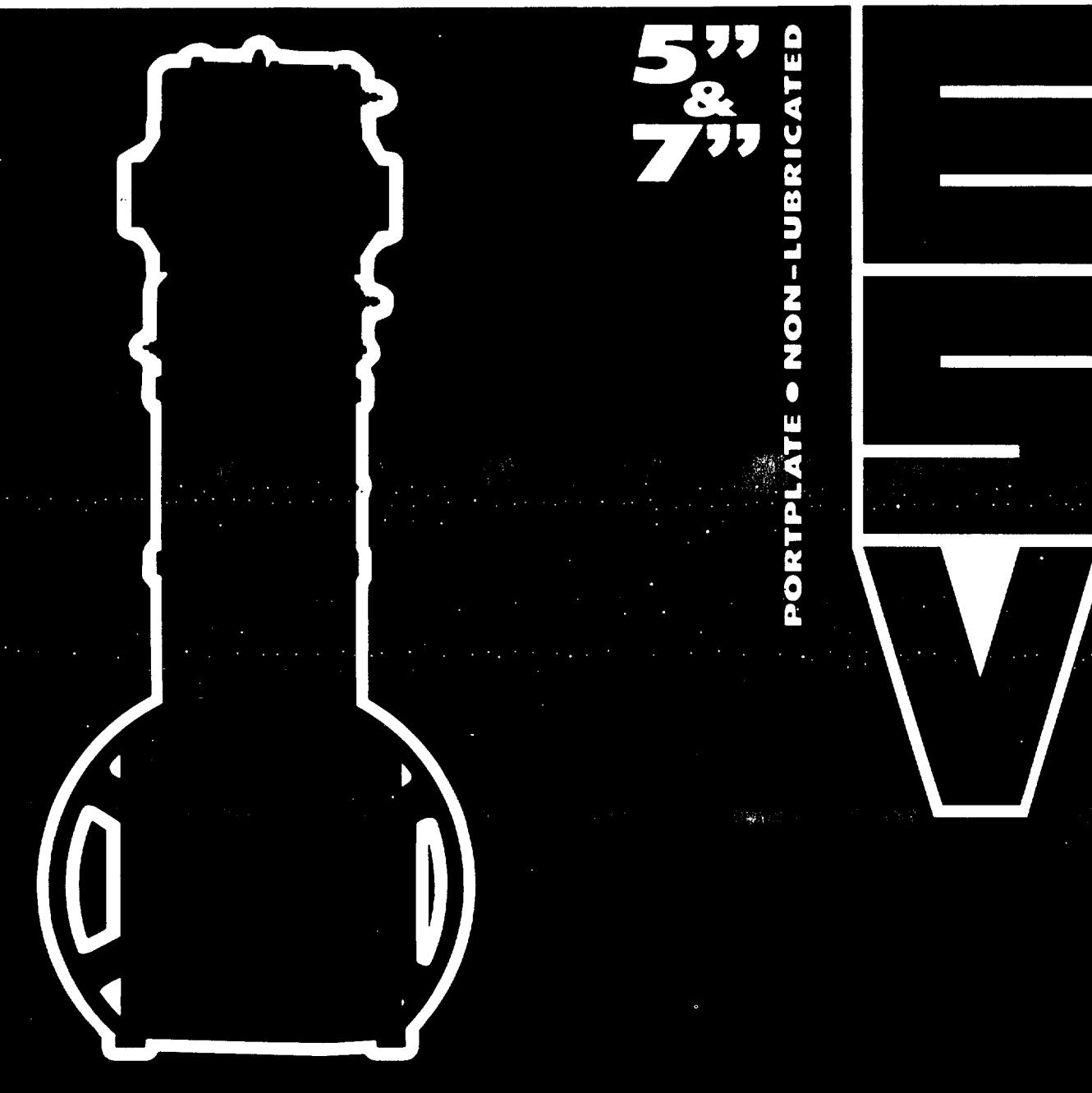


# Parts List



**INGERSOLL-RAND®**  
**AIR COMPRESSORS**

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Printed in U.S.A.

Form AP 0227-C  
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Supersedes April 1977

## **ESV NON LUBRICATED PORTPLATE TYPE COMPRESSORS COVERED BY THIS LIST**

Machine Size	Serial Number Designation	Valve Size		Machine Size	Serial Number Designation	Valve Size	
		Discharge	Inlet			Discharge	Inlet
*6 x 5	DCVN	A243	A243	8 x 7	EFVN	A357	A357
7 x 5	ECVN	A243	A243	9 x 7	FFVN	A829	A465
8 x 5	FCVN	A357	A357	9-1/2 x 7	GFVN	A829	A465
*9-1/2 x 5	GCVN	A829	A465				

\*Non-Production Units

## **ORDERING INSTRUCTIONS**

Refer all communications to the nearest Ingersoll-Rand Parts & Service Distributor.

### **HOW TO ORDER COMPRESSOR PARTS**

When ordering replacement parts, please specify:

1. The MODEL and SERIAL NUMBER as stamped on Compressor Nameplate.
2. The FORM NUMBER of this booklet.
3. The QUANTITY, DESCRIPTION & REFERENCE NUMBER exactly as listed.

### **HOW TO SELECT RECOMMENDED SPARES**

This catalog contains a listing of the parts which are included in each of the following classes of recommended spares.

**CLASS I – MINIMUM**—Suggested for Domestic Service where interruptions in service are not important.

**CLASS II – AVERAGE**—Suggested for Domestic Service where some interruptions in continuity of service are not objectionable.

**CLASS III – MAXIMUM**—Suggested for Export or for Domestic Service where interruptions in service are objectionable.

When ordering recommended spares, please follow the procedure as outlined for compressor parts.

### **EXAMPLE**

Send the following parts for a Model \_\_\_\_\_  
 Serial No. \_\_\_\_\_ Form \_\_\_\_\_  
 1 Piston and Rod Complete 3-41  
 2 Piston Rings 3-40  
 1 Inlet Valve Cover 3-12

To Order Motor Parts Refer to The Motor Manufacturer's Nearest Dealer.

**INDEX**

<b>HOW TO USE PAGE .....</b>	<b>4</b>
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<b>GROUP ASSEMBLY PARTS LIST .....</b>	<b>7</b>
<b>RECOMMENDED SPARE PARTS .....</b>	<b>7</b>

**GLOSSARY****VISUAL INDEX.**

This section contains overall visual guides which reference the reader to specific group assemblies and sub-assemblies found in the parts list pages.

**GROUP ASSEMBLY PARTS LIST.**

This part contains the listings and illustrations of the repair parts for your compressor.

Parts are listed in assembly sequence, where applicable. The relationship of an article to its next higher assembly is indicated by indenture. For example:

**DESCRIPTION****Unit**

- . Assemblies and Detail Parts of Unit
- . Attaching Parts for Assemblies and Detail Parts
- . Subassemblies
- . Attaching Parts for Subassemblies
- . . Detail Parts for Subassemblies, etc.

When an assembly is not broken down immediately after being listed, a reference is made to the listing where the breakdown is made.

**Reference Number (Ref Nbr Column)**

The reference number is the number assigned to the part in the listing. This reference number consists of the figure and illustration number and identifies the part on the associated illustration. An asterisk indicates not illus-

trated. Parts should be ordered by reference number and description accompanied by the compressor serial number.

**ILLUSTRATION NUMBER**

If the illustration number on the art is enclosed in a circle ② this indicates an assembly or sub-assembly broken down within the illustration.

**Description Column**

The Description column contains the standard item names with main noun modifiers.

**Units Per Assembly Column (Nbr/Assy)**

The quantities specified in this column are the number of parts used per one next-higher assembly and are not necessarily the total number of parts used in the overall unit. The entry "Ref" in this column refers to an assembly which is called for on a preceding illustration and is shown only to show its relationship to another part found in the list. The entry "NP" denotes that the assembly is nonprocurable. The entry "AR" denotes as required or bulk item.

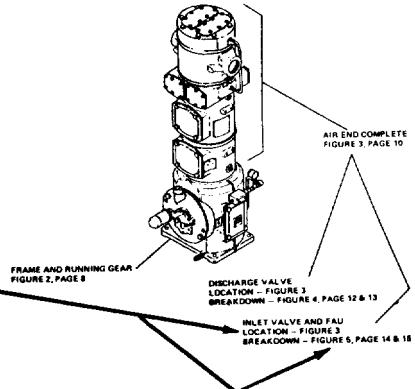
**RECOMMENDED SPARE PARTS**

This Parts List contains a listing of Recommended Spare Parts in three classes as outlined in the "Ordering Instructions." The listing is given for the entire machine; parts are identified by reference number, number per assembly, description and number recommended per classification. Parts may be visually identified by referring to the figure and illustration number designated in the "Ref Nbr" column.

## HOW TO USE THIS ILLUSTRATED PARTS CATALOG

### VISUAL INDEX

ERV 5" & 7" STROKE, NON-LUBRICATED  
COMPRESSOR COMPLETE  
FIGURE 1, PAGE 4



1

USING THE VISUAL INDEX LOCATE THE ASSEMBLY IN WHICH THE PART IS LOCATED. FIND THE FIGURE NUMBER FOR THE ASSEMBLY.

2

REFER TO THE FIGURE NUMBER SHOWN IN THE VISUAL INDEX. LOCATE THE FIGURE ILLUSTRATION NUMBER FOR THE SPECIFIC PART REQUIRED (REFERENCE NUMBER).

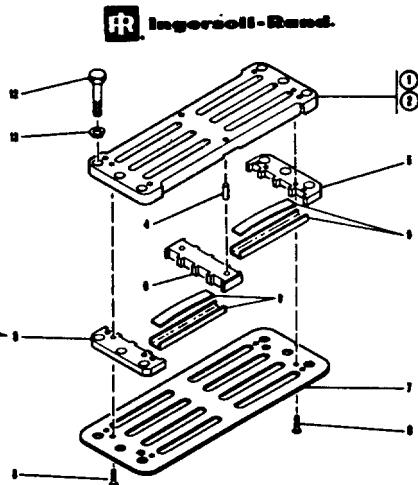


FIGURE 4. DISCHARGE VALVE (A829)

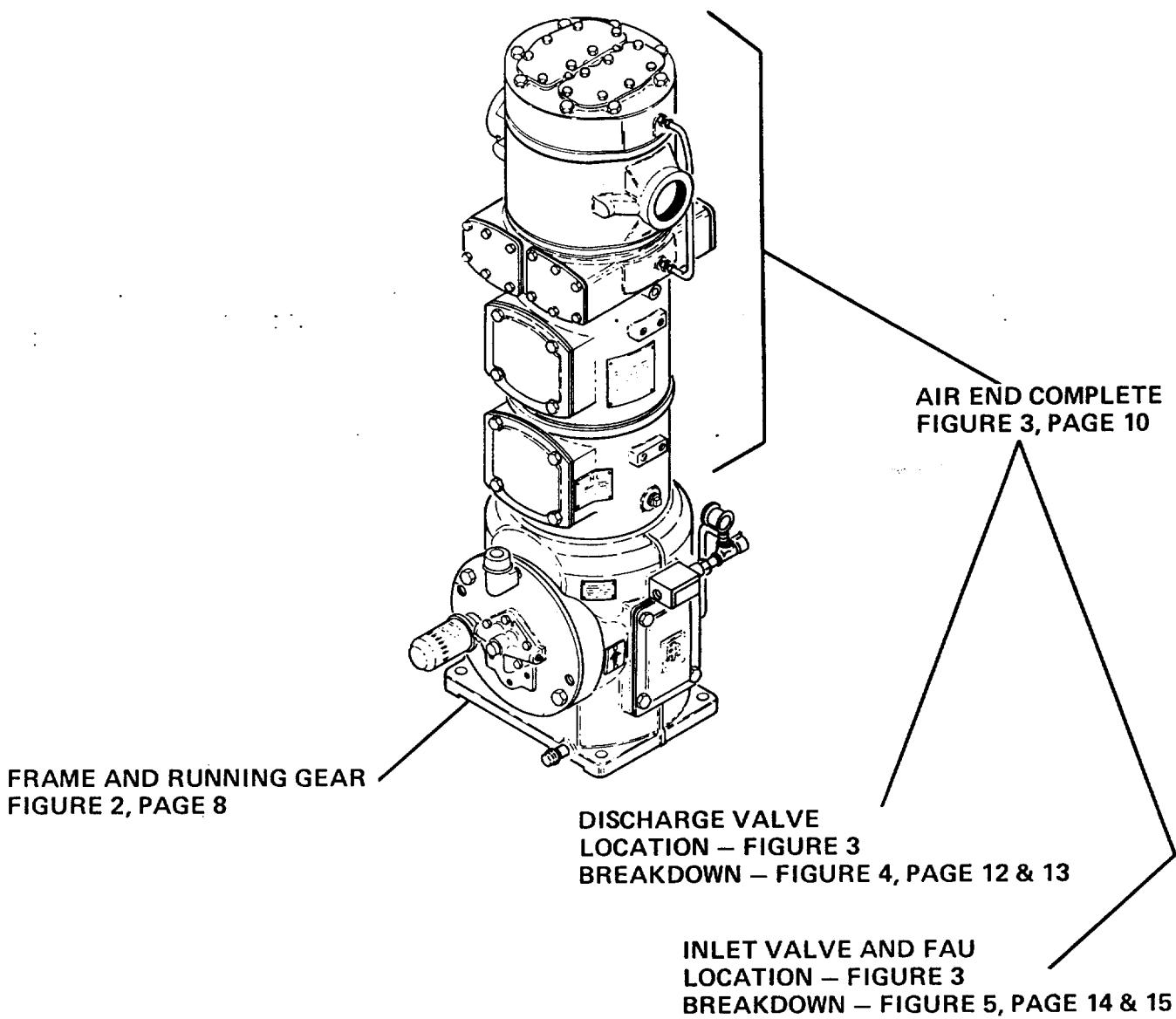
REF. NR.	NBR. ASSY.	DESCRIPTION
4-1	1	VALVE COMPLETE-KNICK
4-1	1	VALVE ASSM-DISCH
4-2	1	STOP PLATE ASSM-
4-2	1	STOP PLATE KNUCKLE
4-3	1	HANDLE
4-4	1	GUNITE-VALVE
4-4	1	GUNITE-CENTER
4-5	1	SCREW-BLKT HD RACH
4-6	1	SET-CHANNELS + SPR
4-7	1	SCREW-BLKT HD RACH
4-8	1	SCREW-BLKT HD RACH
4-9	1	SCREW-BLKT HD RACH
4-10	1	SCREW-BLKT HD RACH
4-11	1	SCREW-BLKT HD RACH
4-12	1	SCREW-BLKT HD RACH
4-13	1	SCREW-BLKT HD RACH

3

LOCATE THE REFERENCE NUMBER IN THE GROUP ASSEMBLY PARTS LIST AND DETERMINE THE PART DESCRIPTION FOR ORDERING.

## VISUAL INDEX

ESV, 5" & 7" STROKE, NON-LUBRICATED  
COMPRESSOR COMPLETE  
FIGURE 1, PAGE 6



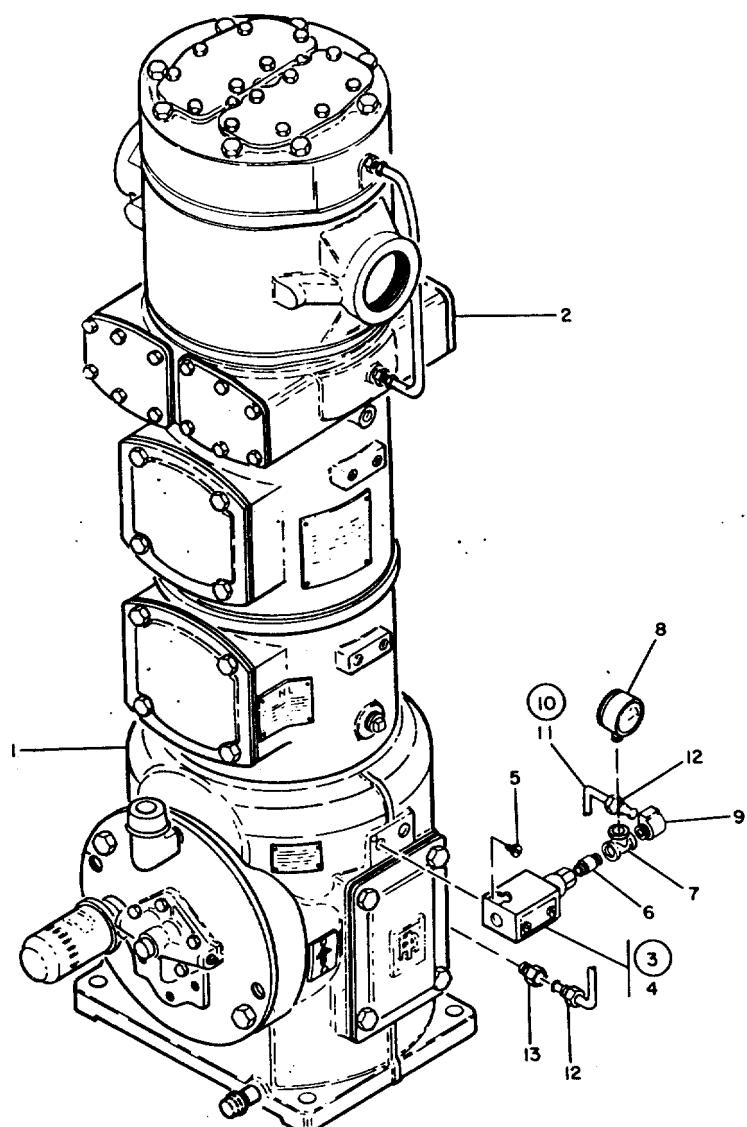
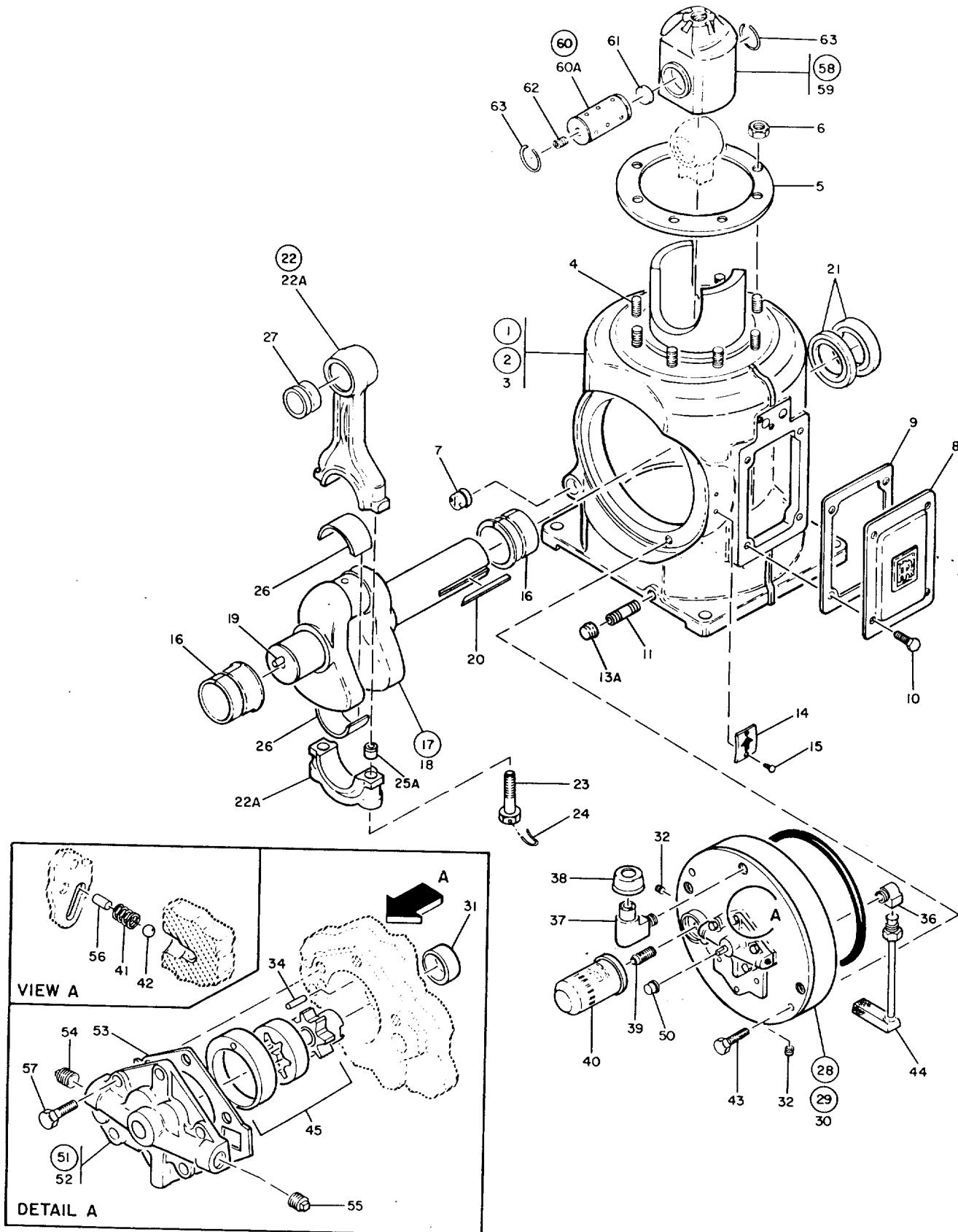


FIGURE 1. COMPRESSOR COMPLETE

REF NBR	NBR/ ASSY	DESCRIPTION
1-1	REF 1	COMPRESSOR COMPLETE • FRAME & GEAR ASSEMBLY SEE FIG 2 FOR DETAIL BREAKDOWN
1-2	1	• AIR END COMPLETE SEE FIG 3 FOR DETAIL BREAKDOWN
1-3	1	• ACCESSORIES
1-4	1	• • SWITCH-OIL PRES SHUT DOWN
1-5	2	• • SCREW-MACHINE
1-6	1	• • NIPPLE
1-7	1	• • TEE
1-8	1	• • GAUGE-OIL PRESSURE
1-9	1	• • ELBOW
1-10	1	• • TUBING ASSEMBLY
1-11	NP	• • • TUBING-BARE
1-12	NP	• • • NUT-TUBE
1-13	1	• • • CONNECTOR

**RECOMMENDED SPARES**

REF NBR	NBR/ ASSY	DESCRIPTION	REC SPARES CLASS			REF NBR	NBR/ ASSY	DESCRIPTION	REC SPARES CLASS		
			1	2	3				1	2	3
1-4	1	SWITCH-OIL PRES SHUT DO			1	3-31	2	GASKET	2	2	2
1-8	1	GAUGE-OIL PRESSURE	1	1		3-35	2	GASKET-CYLINDER	2	2	2
	REF	FRAME + GEAR ASSEMBLY	1	1	1	3-40	2	RING-PISTON	2	2	2
2-5	1	GASKET-FRAME	1	1	1	3-40A	1	RING-WEARING	1	1	1
2-7	1	GAUGE-OIL LEVEL			1	3-41	1	ROD-PISTON COMPLETE	1	1	1
2-9	1	GASKET-COVER	1	1	1	3-51	2	GASKET	1	1	1
2-16	2	BUSHING-MAIN BEARING		2	2	3-59	1	GASKET	1	1	1
2-17	1	CRANKSHAFT ASSEMBLY			1	3-61	1	GASKET	1	1	1
2-21	2	SEAL	2	2	2	3-64	1	GASKET	1	1	1
2-22	1	ROD-CONNECTING + CAP CO			1	REF	PIPING-FAU COMPLETE				
2-23	2	BOLT-CONNECTING ROD	2	2		3-94	2	RING-SCRAPER	2	2	2
2-24	1	WIRE-LOCKING			1	3-95	1	RING-SCRAPER	1	1	1
2-26	1	BUSHING-CRANKPIN	1	1	1	3-100	1	GASKET-COVER	1	1	1
2-27	1	BUSHING-CROSSHEAD PIN	1	1	1	REF	VALVE-DISCH (A243-A357)				
2-31	1	BUSHING-OIL PUMP			1	4-1	1	VALVE ASSEM DISCH	1	2	2
2-35	1	O-RING M B HOUSING	1	1	2	4-7	1	SET-CHANNELS & SPRINGS	2	2	2
2-40	1	FILTER-OIL	1	2	3	REF	VALVE COMPL-DISCH (A829)				
2-41	1	SPRING-RELIEF VALVE			1	4-1	1	VALVE ASSEM DISCH	1	2	2
2-45	1	PUMP ASSEMBLY-OIL			1	4-8	1	SET-CHAN & SPRINGS	2	2	1
2-50	1	COVER-SHAFT	1	1	1	REF	VALVE-INLET (A243-A357)				
2-53	1	GASKET-COVER	1	1	1	5-1	1	VALVE COMPL INLET	1	2	2
2-58	1	CROSSHEAD COMPLETE			1	5-8	1	SET-CHANNELS SPRINGS	2	2	2
2-63	2	RING-RETAINER	2	2	2	5-17	1	UNLOADER-COMPLETE	1	2	2
	REF	AIR END COMPLETE				5-20	1	O-RING	2	2	2
3-3	1	GASKET-PORTPLATE	1	1	1	5-21	1	RING-PISTON	2	2	2
3-6	1	GASKET-COVER	1	1	1	REF	VALVE-INLET & UNL (A465)				
3-9	1	GASKET-STUFFING BOX	1	1	1	5-1	1	VALVE COMPL INLET	1	2	2
3-10	1	O-RING - STUFFING BOX	1	1	1	5-8	1	SET-CHANNELS & SPRINGS	2	2	2
3-13	4	GASKET-COVER	4	4	4	5-17	1	UNLOADER-COMPL	1	2	2
3-22	1	SET-RING + SPRING	1	1	1	5-20	1	O-RING	2	2	2
3-25	1	GASKET-PACKING CASE	1	1	1	5-21	1	RING-PISTON	2	2	2



REF NBR	NBR/ ASSY	DESCRIPTION	REF NBR	NBR/ ASSY	DESCRIPTION
2-	1	FRAME + GEAR ASSEMBLY	2-30	NP	. . . HOUSING-MB BARE
2-1	1	. . . FRAME COMPLETE	2-31	1	. . . BUSHING-OIL PUMP
2-2	1	. . . FRAME ASSEMBLY	2-32	2	. . . PLUG-PIPE
2-3	NP	. . . FRAME-BARE	2-34	1	. . . DOWELPIN-OIL PUMP
2-4	8	. . . STUD	2-35	1	. . . O-RING M B HOUSING
2-5	1	. . . GASKET-FRAME	2-36	1	. . . ELBOW-MALE
2-6	8	. . . NUT	2-37	1	. . . ELBOW-BREATHER
2-7	1	. . . GAUGE-OIL LEVEL	2-38	1	. . . CAP-BREATHER
2-8	1	. . . COVER-FRAME	2-39	1	. . . ADAPTER-OIL FILTER
2-9	1	. . . GASKET-COVER	2-40	1	. . . FILTER-OIL
2-10	4	. . . CAPSCREW	2-41	1	. . . SPRING-RELIEF VALVE
2-11	1	. . . NIPPLE-DRAIN	2-42	1	. . . BALL-RELIEF VALVE
2-12	1	. . . COUPLING-DRAIN	2-43	2	. . . CAPSCREW
2-13A	1	. . . CAP-PIPE	2-44	1	. . . PIPE ASSEMBLY-OIL SUCTION
2-14	1	. . . PLATE-ROTATION	2-45	1	. . . PUMP ASSEMBLY-OIL
2-15	2	. . . SCREW-DRIVE	2-50	1	. . . COVER-SHAFT
2-16	2	. . . BUSHING-MAIN BEARING	2-51	1	. . . COVER-OIL PUMP COMPLETE
2-17	1	. . . CRANKSHAFT ASSEMBLY	2-52	NP	. . . COVER-OIL PUMP
2-18	NP	. . . CRANKSHAFT-BARE	2-53	1	. . . GASKET-COVER
2-19	1	. . . DOWEL-PUMP DRIVE	2-54	1	. . . PLUG-OIL PRIMING
2-20	1	. . . KEY-CRANKSHAFT	2-55	1	. . . PLUG-PIPE
2-21	2	. . . SEAL	2-56	1	. . . ROLLPIN
2-22	1	. . . ROD-CONNECTING + CAP COMP	2-57	5	. . . CAPSCREW
2-22A	1	. . . ROD-CONNECTING BARE	2-58	1	. . . CROSSHEAD COMPLETE
2-23	2	. . . BOLT-CONNECTING ROD	2-59	1	. . . CROSSHEAD-BARE
2-24	2	. . . WIRE-LOCKING	2-60	1	. . . PIN CROSSHEAD COMPL
2-25A	2	. . . ALIGNMENT BUSHING	2-60A	1	. . . PIN-CROSSHEAD
2-26	1	. . . BUSHING-CRANKPIN	2-61	1	. . . PLUG-PIN
2-27	1	. . . BUSHING-CROSSHEAD PIN	2-62	1	. . . PIPEPLUG
2-28	1	. . . HOUSING-MB COMPLETE	2-63	2	. . . RING-RETAINING
2-29	1	. . . HOUSING ASSEM-MB			

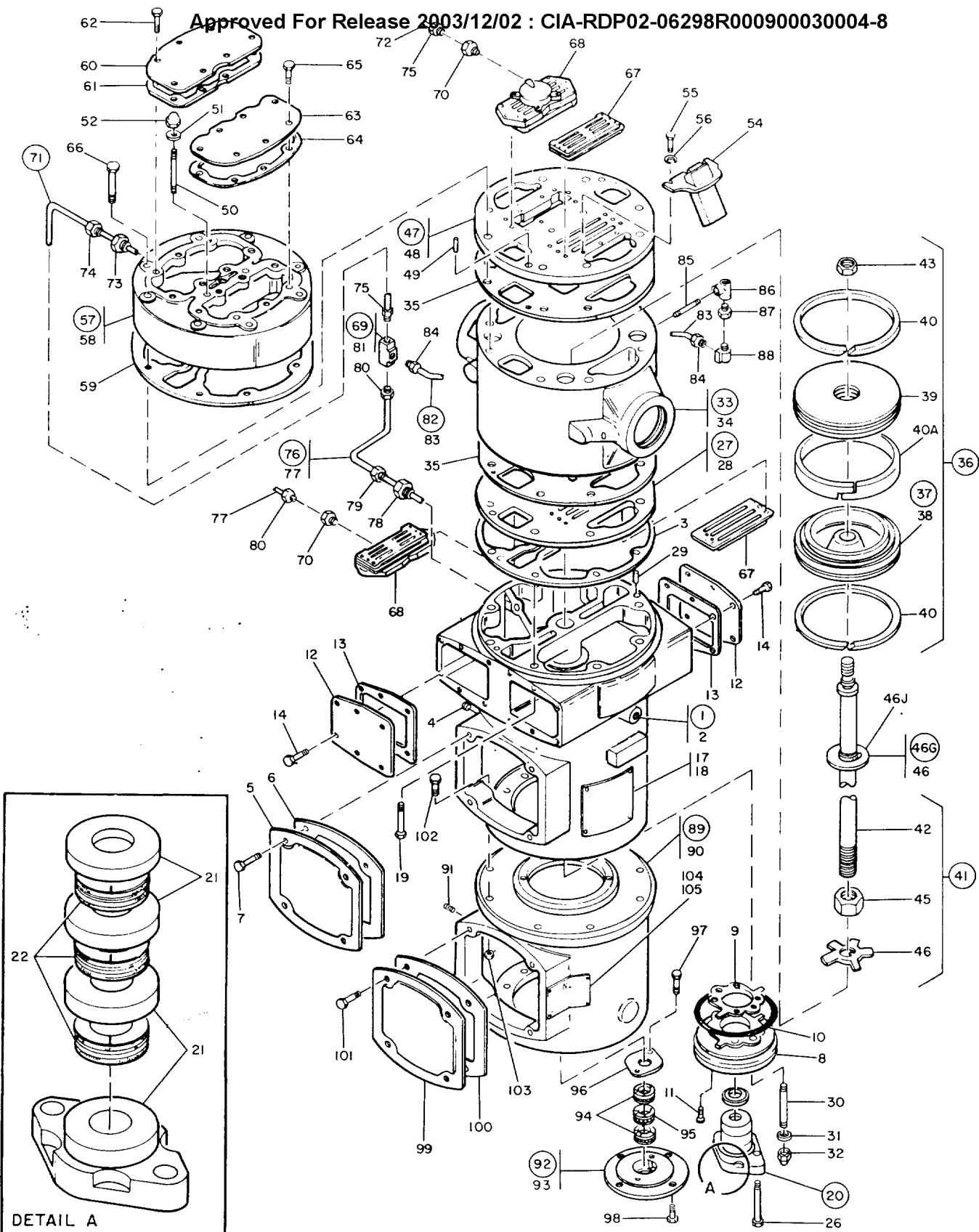


FIGURE 3. AIR END COMPLETE

REF NBR	NBR/ ASSY	DESCRIPTION	REF NBR	NBR/ ASSY	DESCRIPTION
3-	REF	AIR END COMPLETE	3-55	3	SIZE MACHINES ONLY
3-1	1	. HEAD FRAME + DIST PIECE	3-56	3	. . CAPSCREW
3-2	1	. . HEAD-FRAME-BARE	3-57	1	. . LOCKWASHER
3-8	1	. . . COVER-STUFFING BOX BARE	3-58	1	. HEAD ASSEM-OUTER COMPLETE
3-9	1	. . . GASKET-STUFFING BOX	3-59	1	. . HEAD-OUTER BARE
3-10	1	. . . O-RING-STUFFING BOX	3-60	1	. . GASKET
3-11	4	. . . CAPSCREW	3-61	1	. . COVER-INLET VALVE
3-3	1	. . . GASKET-PORTPLATE	3-62	7	. . GASKET
3-4	1	. . . PIPEPLUG-DRAIN	3-63	1	. . CAPSCREW
3-5	1	. . . COVER-BARE	3-64	1	. . COVER-DISCHARGE VALVE
3-6	1	. . . GASKET-COVER	3-65	7	. . GASKET
3-7	4	. . . CAPSCREW	3-66	8	. . CAPSCREW
3-12	4	. . . COVER-VALVE BARE	3-67	2	. . VALVE COMPLETE-DISCHARGE SEE FIG 4 FOR DETAIL BREAKDOWN
3-13	4	. . . GASKET-COVER	3-68	2	. . INLET VALVE & FAU SEE FIG 5 FOR DETAIL BREAKDOWN
3-14	24	. . . CAPSCREW	3-69	1	. PIPING-FAU COMPLETE
3-17	1	. . . PLATE-NAME	3-70	2	. CONNECTOR
3-18	4	. . . SCREW-DRIVER	3-71	1	. TUBING-ASSEMBLY
3-19	8	. . . CAPSCREW	3-72	NP	. . TUBING-BARE
3-20	1	. . . PACKING CASE + RING COMPL	3-73	NP	. . FITTING-TANK
3-21	1	. . . CASE-PACKING	3-74	NP	. . BUSHING-REDUCING
3-22	1	. . . SET-RING + SPRING	3-75	NP	. . NUT-TUBING
3-25	1	. . . GASKET-PACKING CASE	3-76	1	. . TUBING-ASSEMBLY
3-26	2	. . . CAPSCREW	3-77	NP	. . TUBE-BARE
3-27	1	. . . PORTPLATE COMPL-FRAME	3-78	1	. . FITTING
3-28	NP	. . . PORTPLATE	3-79	1	. . BUSHING-REDUCING
3-29	2	. . . ROLLPIN-LOCATING	3-80	NP	. . NUT-TUBE
3-30	2	. . . STUD-FRAME END	3-81	1	. . TEE
3-31	2	. . . GASKET	3-82	1	. . TUBING-ASSEMBLY
3-32	2	. . . CAPNUT	3-83	NP	. . TUBE
3-33	1	. . . CYLINDER COMPLETE	3-84	NP	. . NUT-TUBE
3-34	1	. . . CYLINDER-BARE	3-85	1	. . STUD-AUX VALVE
3-35	2	. . . GASKET-CYLINDER	3-86	1	. . TEE
3-36	1	. . . PISTON COMPLETE	3-87	1	. . BUSHING
3-37	1	. . . PISTON ASSEMBLY	3-88	1	. . ELBOW
3-38	NP	. . . PISTON-FRAME HALF	3-89	1	. . DISTANCE PIECE COMPLETE
3-39	NP	. . . PISTON-OUTER HALF	3-90	1	. . DISTANCE PIECE
3-40	2	. . . RING-PISTON	3-91	1	. . PIPEPLUG
3-40A	1	. . . RING-WEARING	3-92	1	. . BOX ASSEMBLY-STUFFING
3-41	1	. . . ROD-PISTON COMPLETE	3-93	1	. . BOX-STUFFING
3-42	1	. . . ROD-PISTON	3-94	2	. . RING-SCRAPER
3-43	1	. . . NUT-PISTON	3-95	1	. . RING-SCRAPER
3-45	1	. . . NUT-XHEAD	3-96	1	. . PLATE-PART SCRAPER
3-46	1	. . . LOCKWASHER-STAR	3-97	2	. . CAPSCREW
3-46G	1	. . . PLATE-OIL STOP ASSM	3-98	4	. . CAPSCREW
3-46H	1	. . . PLATE-OIL STOP	3-99	1	. . COVER-DISTANCE PIECE
3-46J	1	. . . CLAMP-OIL STOP	3-100	1	. . GASKET-COVER
3-47	1	. . . PORTPLATE COMPL-OUTER	3-101	34	. . CAPSCREW
3-48	NP	. . . PORTPLATE	3-102	38	. . CAPBOLT
3-49	2	. . . ROLLPIN-LOCATING	3-103	38	. . NUT
3-50	2	. . . STUD-OUTER END	3-104	1	. . PLATE-NL INSTRUCTION
3-51	2	. . . GASKET	3-105	4	. . SCREW-DRIVE
3-52	2	. . . CAPNUT			
3-54	1	. . . CHOKETUBE			
		USED ON 9X7, 9-1/2X5 AND 9-1/2X7			

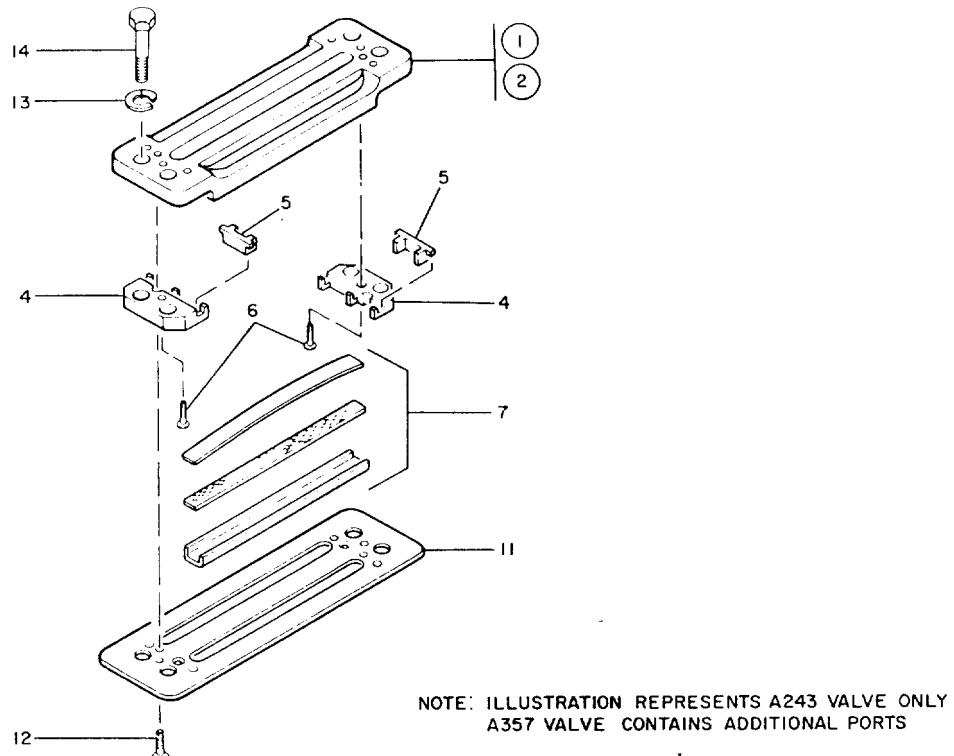
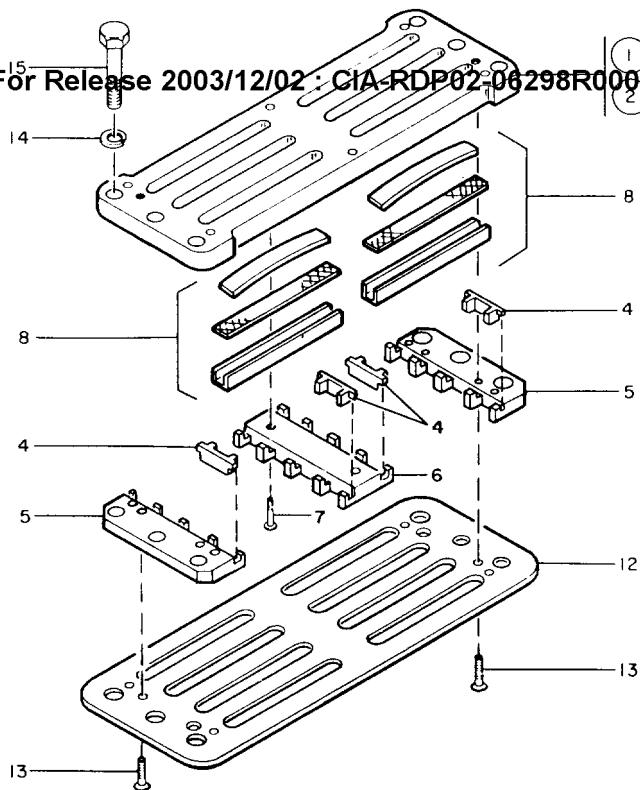


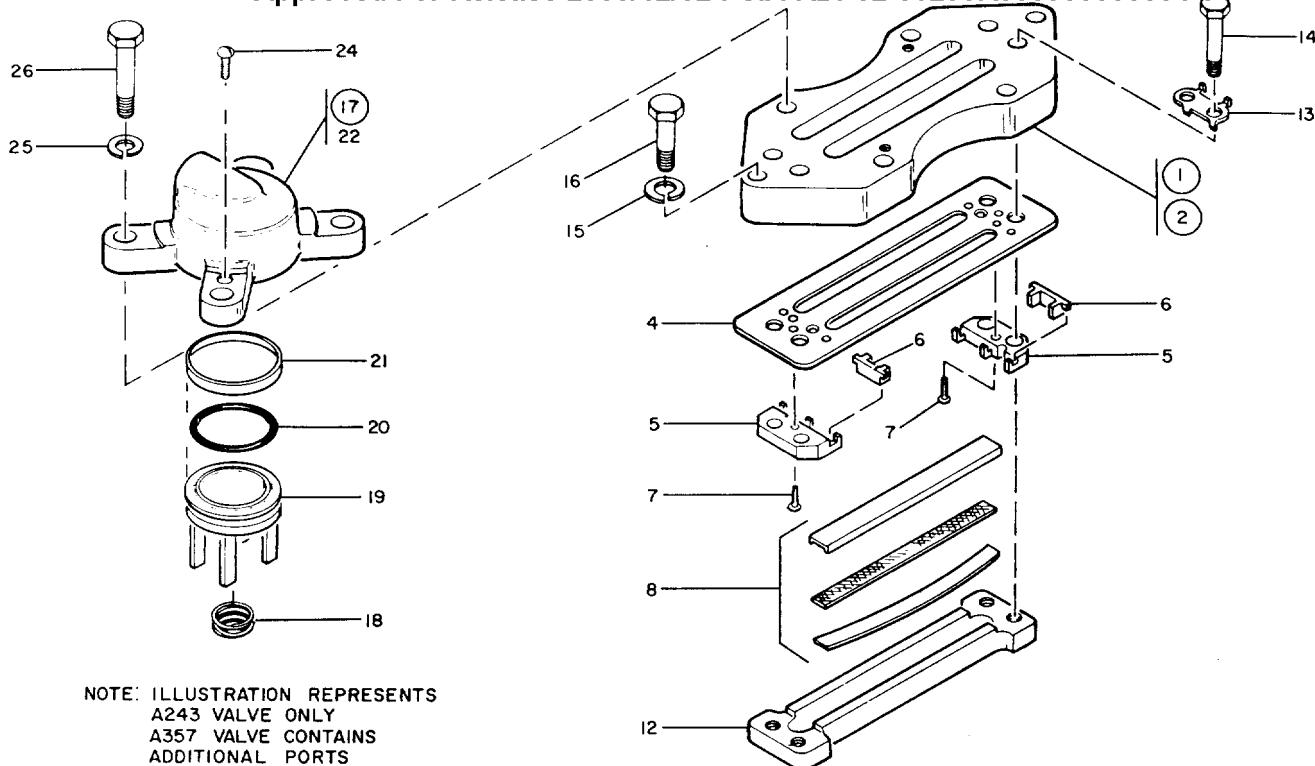
FIGURE 4. DISCHARGE VALVE [A243-A357]  
(A243 Used on 6 x 5 and 7 x 5; A357 Used on 8 x 5 and 8 x 7)

REF NBR	NBR/ASSY	DESCRIPTION
4-	1	VALVE-COMPL DISCH
4-1	1	• VALVE ASSEM DISCH
4-2	1	• • STOPPLATE ASSEM-
4-4	2	• • • HOLDER-GUIDE
4-5	6	• • • GUIDE-VALVE
4-6	2	• • • SCREW BUTTON HD
4-11	1	• • • PLATE-SEAT
4-12	2	• • • SCREW-FLT HD MACH
4-7	1	• • SET-CHANNELS & SPRINGS
4-13	6	• LOCKWASHER
4-14	6	• CAPSCREW



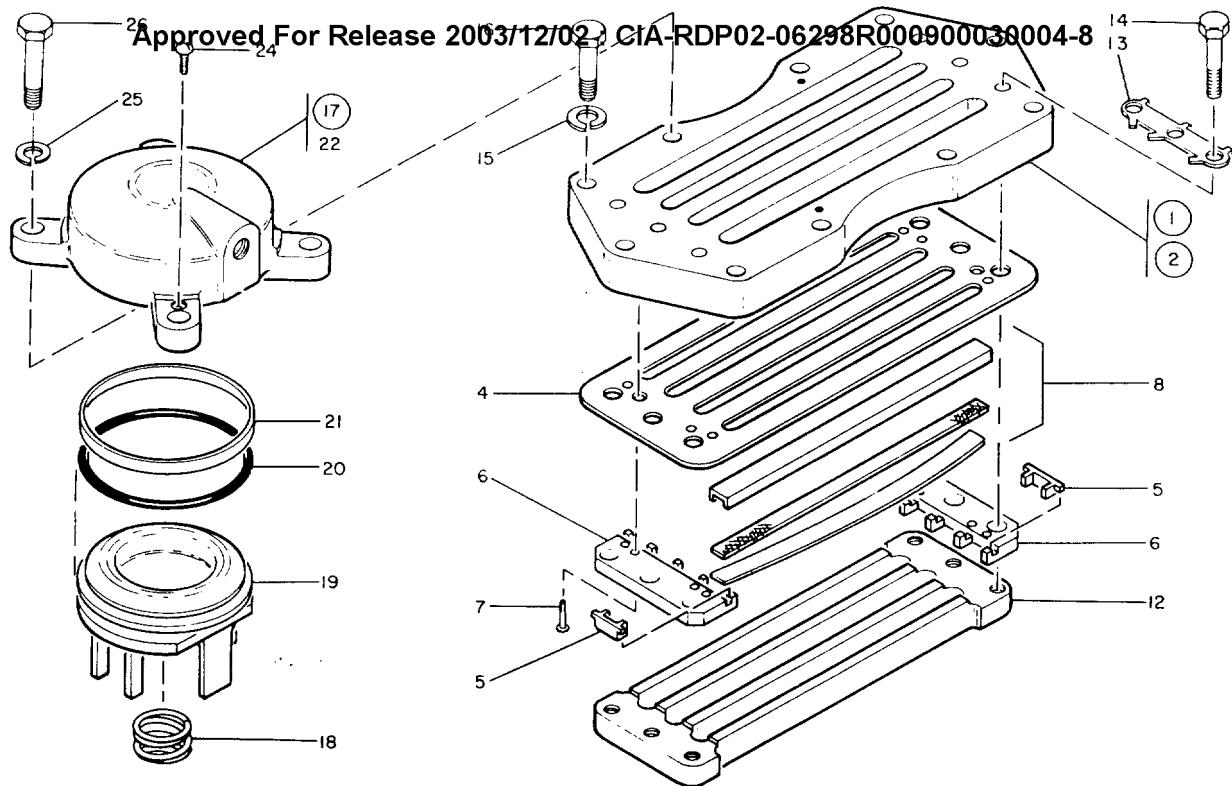
**FIGURE 4. DISCHARGE VALVE [A829]**  
 (Used on 9-1/2 x 5, 9 x 7 and 9-1/2 x 7)

REF NBR	NBR/ ASSY	DESCRIPTION
4-	1	VALVE-COMPLETE DISCH
4-1	1	• VALVE ASSEM DISCH
4-2	1	• • STOP PLATE-ASSEM
4-4	16	• • • GUIDE-VALVE
4-5	2	• • • HOLDER-OTR GUIDE
4-6	1	• • • HOLDER-CTR GUIDE
4-7	4	• • • CAPSCREW-BUTTON HD
4-12	1	• • • PLATE-SEAT
4-13	2	• • • SCREW-FLT HD MACH
4-8	1	• • • SET-CHAN & SPRINGS
4-14	6	• LOCKWASHER
4-15	6	• CAPSCREW



**FIGURE 5. INLET VALVE AND FREE AIR UNLOADER [A243-A357]**  
(A243 Used on 6 x 5 and 7 x 5; A357 Used on 8 x 5 and 8 x 7)

REF NBR	NBR/ ASSY	DESCRIPTION
5-	1	INLET VALVE & UNLOADER
5-1	1	• VALVE COMPL INLET
5-2	1	• • SEAT COMPL INLET
5-4	1	• • • PLATE-SEAT
5-6	8	• • • GUIDE-VALVE
5-5	2	• • • HOLDER-GUIDE
5-7	4	• • • SCREW BUTTON HEAD
5-8	1	• • • SET-CHANNELS SPRINGS
5-12	1	• • STOP PLATE INLET
5-13	2	• • LOCK-BOLT
5-14	6	• • CAPSCREW
5-15	6	• • LOCKWASHER
5-16	6	• • CAPSCREW
5-17	1	• • UNLOADER - COMPLETE
5-18	1	• • SPRING - PLUNGER
5-19	1	• • PLUNGER-UNLOADER
5-20	1	• • O-RING
5-21	1	• • RING-PISTON
5-22	1	• • CAGE-UNLOADER
5-24	2	• • SCREW-ROUND HEAD
5-25	4	• • LOCKWASHER
5-26	4	• • CAPSCREW



**FIGURE 5. INLET VALVE AND FREE AIR UNLOADER [A465]**  
(Used on 9-1/2 x 5, 9 x 7 and 9-1/2 x 7)

REF NBR	NBR/ ASSY	DESCRIPTION
5-	1	INLET VALVE & UNLOADER
5-1	1	• VALVE COMPL INLET
5-2	1	• • SEAT COMPL INLET
5-4	1	• • • PLATE-SEAT
5-5	6	• • • GUIDE-VALVE
5-6	2	• • • HOLDER-GUIDE
5-7	4	• • • SCREW BUTTON HEAD
5-8	1	• • • SET-CHANNELS & SPRINGS
5-12	1	• • • STOPPLATE INLET
5-13	2	• • • LOCK-BOLT
5-14	6	• • CAPSCREW
5-15	6	• • LOCKWASHER
5-16	6	• • CAPSCREW
5-17	1	• • UNLOADER-COMPL
5-18	1	• • SPRING-PLUNGER
5-19	1	• • PLUNGER-UNLOADER
5-20	1	• • O-RING
5-21	1	• • RING-PISTON
5-22	1	• • CAGE-UNLOADER
5-24	2	• • SCREW-ROUND HEAD
5-25	4	• • LOCKWASHER
5-26	4	• • CAPSCREW

**SPECIAL  
Engineering Service**  
We can help you with your compressed air problems by surveying your needs and recommending the proper compressor and air piping system for maximum efficiency.

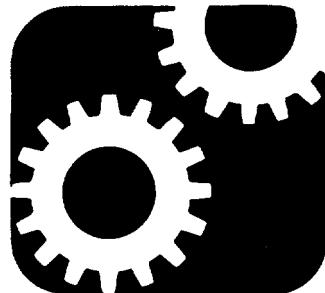
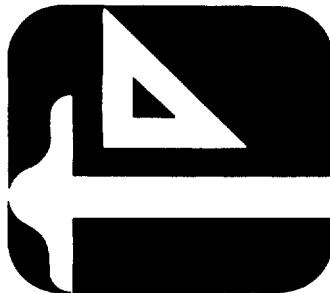
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**Spare Parts**

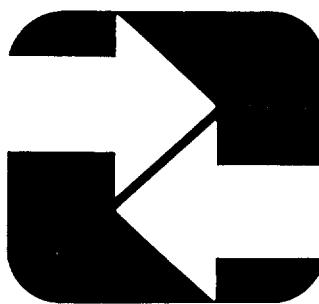
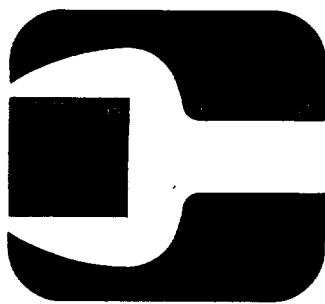
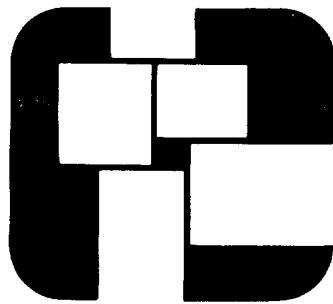
We stock genuine I-R spare parts for your I-R equipment, including fast delivery or the substitution of inferior parts kept in good-as-new condition.

**FAST EFFICIENT  
Field Service**

We maintain a staff of trained mechanics and service trucks to provide you with preventive maintenance or meet any emergencies you may have.



**A world of  
experience...  
at your  
service!**



**Complete  
Stock of Equipment**

Our stock of complete machines, which can usually take care of any need, is backed up by Ingersoll-Rand prompt factory shipment to assure you on-time delivery.

**Complete  
Repair Service**

Trained mechanics will repair or overhaul compressors by factory recommended methods, using only genuine parts.

**Exchange  
Service Plan**

We maintain stocks of compressors that can be substituted for your compressor while repairs are being made. This means no lost production time for you.

**INGERSOLL-RAND®**  
**AIR COMPRESSORS**

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